



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 12631785
SAU: MSAD 71
School: Middle School Of The Kennebunk

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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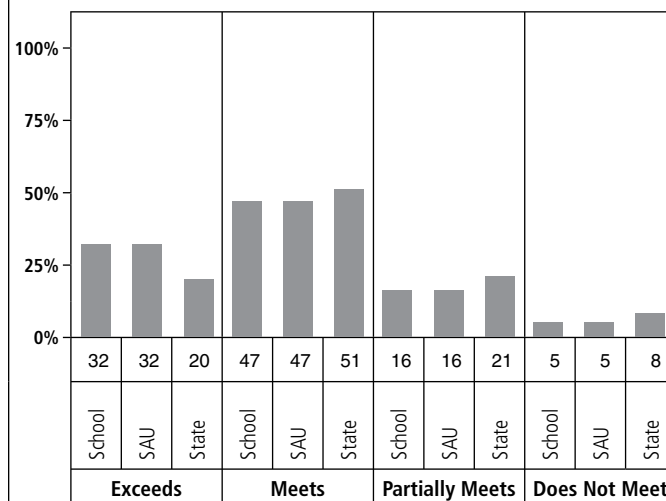
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 71
School: Middle School Of The Kennebunk

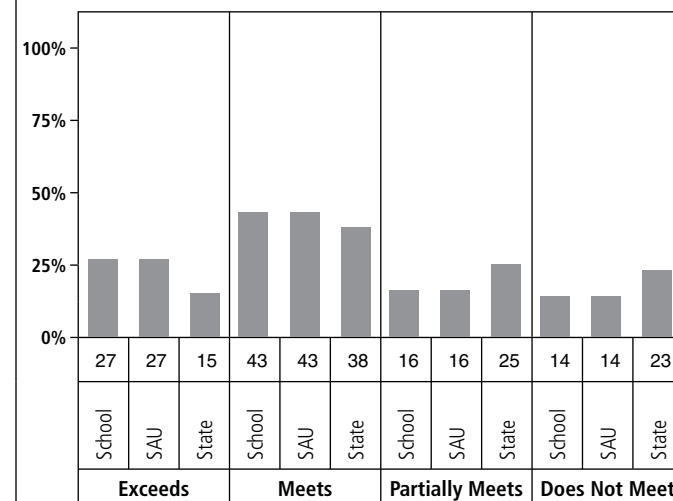
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	851	851	847
2007–2008	856	856	849
2008–2009	855	855	850
Cum. Avg.*	854	854	849
Mathematics			
2006–2007	851	851	842
2007–2008	852	852	841
2008–2009	850	850	843
Cum. Avg.*	851	851	842
Science			
2008–2009 **	850	850	846

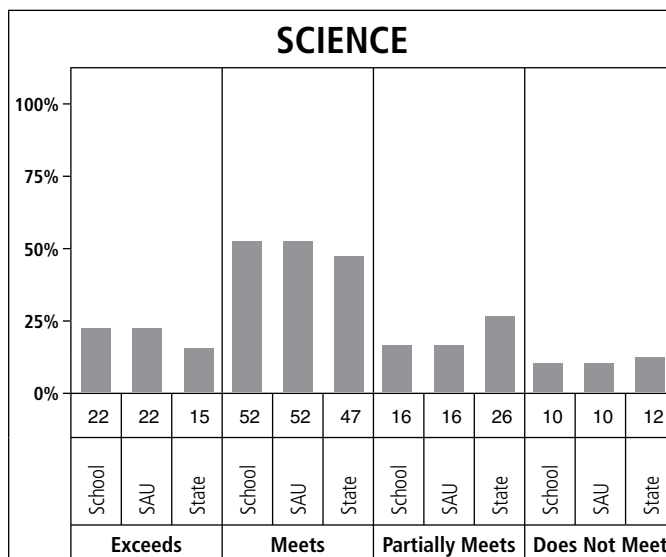
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: MSAD 71
School: Middle School Of The Kennebunk

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	193	100	193	100	14804	100	192	100	192	100	14659	99	192	100	192	100	14653	99	191	100	191	100	14626	99
Ethnicity African American/Black	1	1	1	1	377	3	1	100	1	100	366	97	1	100	1	100	371	98	1	100	1	100	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	2	1	2	1	238	2	2	100	2	100	232	97	2	100	2	100	234	98	2	100	2	100	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	190	98	190	98	13878	94	189	100	189	100	13756	99	189	100	189	100	13742	99	188	100	188	100	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	35	18	35	18	2489	17	35	100	35	100	2434	99	34	100	34	100	2424	98	34	100	34	100	2418	98
Current LEP	1	1	1	1	349	2	1	100	1	100	331	95	1	100	1	100	342	98	1	100	1	100	338	97
Economically disadvantaged	18	9	18	9	5460	37	18	100	18	100	5380	99	18	100	18	100	5377	99	18	100	18	100	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	158	82	158	82	12132	82	159	82	159	82	12124	82	160	83	160	83	12169	82
Identified disability (PET/IEP)	3	2	3	2	379	3	3	2	3	2	380	3	3	2	3	2	425	3
LEP	1	1	1	1	166	1	1	1	1	1	169	1	1	1	1	1	168	1
504 plan	4	3	4	3	200	2	4	3	4	3	200	2	6	4	6	4	202	2
Participation with accommodations	31	16	31	16	2349	16	30	16	30	16	2347	16	28	15	28	15	2288	15
Identified disability (PET/IEP)	29	94	29	94	1877	80	28	93	28	93	1862	79	28	100	28	100	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	2	6	2	6	70	3	2	7	2	7	70	3	0	0	0	0	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
Participation through alternate assessment (PAAP)	3	2	3	2	178	1	3	2	3	2	182	1	3	2	3	2	169	1
Identified disability (PET/IEP)	3	100	3	100	178	100	3	100	3	100	182	100	3	100	3	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	1	1	1	1	32	0	1	1	1	1	34	0	2	1	2	1	38	0
Non-participation – other	0	0	0	0	113	1	0	0	0	0	117	1	0	0	0	0	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 71
School: Middle School Of The Kennebunk

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	43	21	43	21	2407	16
	2007-2008	69	38	69	38	3428	23
	2008-2009	60	32	60	32	2857	20
	Cum. Total*	172	30	172	30	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	109	54	109	54	7494	49
	2007-2008	88	49	88	49	7179	48
	2008-2009	89	47	89	47	7431	51
	Cum. Total*	286	50	286	50	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	39	19	39	19	3628	24
	2007-2008	14	8	14	8	2706	18
	2008-2009	31	16	31	16	2979	21
	Cum. Total*	84	15	84	15	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	12	6	12	6	1810	12
	2007-2008	9	5	9	5	1611	11
	2008-2009	9	5	9	5	1214	8
	Cum. Total*	30	5	30	5	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	38.8	69.3	38.8	69.3	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.5	67.5	13.5	67.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	25.3	70.3	25.3	70.3	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 71
 School: Middle School Of The Kennebunk

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	189	60	32	89	47	31	16	9	5	855	189	32	47	16	5	855	14481	20	51	21	8	850
Ethnicity																						
African American/Black	1										1						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	2										2						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	186	59	32	88	47	31	17	8	4	855	186	32	47	17	4	855	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	32	4	13	5	16	16	50	7	22	841	32	13	16	50	22	841	2256	2	25	40	34	834
No	157	56	36	84	54	15	10	2	1	858	157	36	54	10	1	858	12225	23	56	17	4	853
Current LEP																						
Yes	1										1						324	5	34	36	26	838
No	188	60	32	88	47	31	16	9	5	855	188	32	47	16	5	855	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	17	3	18	7	41	4	24	3	18	848	17	18	41	24	18	848	5277	10	46	29	15	844
No	172	57	33	82	48	27	16	6	3	855	172	33	48	16	3	855	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	189	60	32	89	47	31	16	9	5	855	189	32	47	16	5	855	14476	20	51	21	8	850
Gender																						
Female	104	42	40	45	43	12	12	5	5	857	104	40	43	12	5	857	7074	25	51	18	6	852
Male	85	18	21	44	52	19	22	4	5	852	85	21	52	22	5	852	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	189	60	32	89	47	31	16	9	5	855	189	32	47	16	5	855	13624	20	52	20	8	850
Gifted/talented program																						
Yes	28	18	64	10	36	0	0	0	0	866	28	64	36	0	0	866	700	69	30	1	0	867
No	161	42	26	79	49	31	19	9	6	853	161	26	49	19	6	853	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 71
School: Middle School Of The Kennebunk

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	1	20	3	60	1	20	838	3	0	20	60	20	838	8	8	39	29	24	841
B. less than one hour	39	17	24	32	44	17	24	6	8	852	39	24	44	24	8	852	51	17	53	22	8	849
C. one to two hours	50	33	35	51	54	9	10	1	1	857	50	35	54	10	1	857	36	24	52	18	5	852
D. more than two hours	9	10	63	5	31	0	0	1	6	862	9	63	31	0	6	862	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	24	22	49	18	40	2	4	3	7	861	24	49	40	4	7	861	31	35	50	11	4	856
B. good	51	34	36	45	47	13	14	3	3	856	51	36	47	14	3	856	47	16	55	21	7	849
C. fair	19	4	11	18	50	12	33	2	6	849	19	11	50	33	6	849	18	5	47	33	15	842
D. poor	6	0	0	8	73	2	18	1	9	847	6	0	73	18	9	847	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	24	19	43	23	52	1	2	1	2	861	24	43	52	2	2	861	32	27	54	14	5	853
B. They match some of what I have learned.	61	32	28	55	48	22	19	5	4	854	61	28	48	19	4	854	52	18	53	22	8	850
C. They match just a little of what I have learned.	10	6	33	6	33	4	22	2	11	851	10	33	33	22	11	851	12	11	45	29	15	844
D. There is no match.	5	2	20	5	50	2	20	1	10	849	5	20	50	20	10	849	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	9	4	24	7	41	5	29	1	6	850	9	24	41	29	6	850	15	13	42	28	17	844
B. about the same as my regular schoolwork	53	20	21	58	60	15	16	3	3	853	53	21	60	16	3	853	64	19	53	20	7	850
C. easier than my regular schoolwork	37	35	52	21	31	8	12	3	4	860	37	52	31	12	4	860	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	6	2	18	4	36	3	27	2	18	846	6	18	36	27	18	846	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	45	16	19	46	55	16	19	5	6	851	45	19	55	19	6	851	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	49	41	46	38	42	10	11	1	1	860	49	46	42	11	1	860	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	28	16	31	25	49	8	16	2	4	855	28	31	49	16	4	855	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	62	41	36	57	50	13	11	3	3	857	62	36	50	11	3	857	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	10	2	11	6	32	8	42	3	16	843	10	11	32	42	16	843	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	18	15	45	17	52	0	0	1	3	860	18	45	52	0	3	860	19	26	53	15	6	853
B. 20 minutes to an hour	38	29	41	32	45	6	8	4	6	858	38	41	45	8	6	858	40	25	52	17	6	852
C. less than 20 minutes	17	9	29	16	52	5	16	1	3	855	17	29	52	16	3	855	15	18	51	21	10	849
D. I rarely read at home.	28	7	13	24	46	18	35	3	6	848	28	13	46	35	6	848	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	35	32	50	22	34	8	13	2	3	860	35	50	34	13	3	860	42	27	51	15	6	853
B. agree	58	26	24	60	56	16	15	5	5	853	58	24	56	15	5	853	50	15	53	23	9	848
C. disagree	4	1	14	2	29	4	57	0	0	846	4	14	29	57	0	846	7	8	46	32	14	843
D. strongly disagree	4	0	0	4	57	1	14	2	29	842	4	0	57	14	29	842	2	6	39	35	21	840
Optional school/SAU question																						
A.	40	0	0	3	75	1	25	0	0	847	40	0	75	25	0	847						
B.	30	0	0	2	67	1	33	0	0	847	30	0	67	33	0	847						
C.	10	0	0	0	0	1	100	0	0	840	10	0	0	100	0	840						
D.	20	1	50	0	0	1	50	0	0	853	20	50	0	50	0	853						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 71
School: Middle School Of The Kennebunk

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	42	21	42	21	1952	13
	2007-2008	45	25	45	25	1657	11
	2008-2009	51	27	51	27	2116	15
	Cum. Total*	138	24	138	24	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	112	55	112	55	5870	38
	2007-2008	103	57	103	57	5956	40
	2008-2009	82	43	82	43	5443	38
	Cum. Total*	297	52	297	52	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	36	18	36	18	3982	26
	2007-2008	19	10	19	10	3729	25
	2008-2009	30	16	30	16	3556	25
	Cum. Total*	85	15	85	15	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	13	6	13	6	3534	23
	2007-2008	14	8	14	8	3579	24
	2008-2009	26	14	26	14	3356	23
	Cum. Total*	53	9	53	9	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	33.5	59.8	33.5	59.8	28.6	51.1
A. Number	8	14	4.2	52.5	4.2	52.5	3.7	46.3
B. Data	16	29	9.8	61.3	9.8	61.3	8.9	55.6
C. Geometry	12	21	5.9	49.2	5.9	49.2	5.0	41.7
D. Algebra	20	36	13.6	68.0	13.6	68.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 71
 School: Middle School Of The Kennebunk

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	189	51	27	82	43	30	16	26	14	850	189	27	43	16	14	850	14471	15	38	25	23	843
Ethnicity																						
African American/Black	1										1						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	2										2						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	186	49	26	81	44	30	16	26	14	850	186	26	44	16	14	850	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	31	4	13	2	6	8	26	17	55	833	31	13	6	26	55	833	2242	2	12	22	63	824
No	158	47	30	80	51	22	14	9	6	854	158	30	51	14	6	854	12229	17	42	25	16	846
Current LEP																						
Yes	1										1						336	6	18	26	51	829
No	188	50	27	82	44	30	16	26	14	850	188	27	44	16	14	850	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	17	2	12	9	53	1	6	5	29	847	17	12	53	6	29	847	5270	6	30	28	36	835
No	172	49	28	73	42	29	17	21	12	851	172	28	42	17	12	851	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	189	51	27	82	43	30	16	26	14	850	189	27	43	16	14	850	14466	15	38	25	23	843
Gender																						
Female	104	23	22	51	49	17	16	13	13	850	104	22	49	16	13	850	7070	15	39	25	22	843
Male	85	28	33	31	36	13	15	13	15	851	85	33	36	15	15	851	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	5	25	33	37	835
No	189	51	27	82	43	30	16	26	14	850	189	27	43	16	14	850	13614	15	38	24	22	843
Gifted/talented program																						
Yes	28	19	68	9	32	0	0	0	0	867	28	68	32	0	0	867	700	68	27	3	1	866
No	161	32	20	73	45	30	19	26	16	848	161	20	45	19	16	848	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 71
School: Middle School Of The Kennebunk

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	0	0	2	40	3	60	827	3	0	0	40	60	827	8	8	24	24	44	833
B. less than one hour	39	17	24	31	43	11	15	13	18	848	39	24	43	15	18	848	51	12	38	26	23	842
C. one to two hours	50	27	29	44	47	14	15	9	10	852	50	29	47	15	10	852	36	19	40	23	19	845
D. more than two hours	9	7	44	6	38	3	19	0	0	859	9	44	38	19	0	859	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	27	24	49	19	39	5	10	1	2	861	27	49	39	10	2	861	28	33	41	15	11	852
B. good	51	24	26	47	52	10	11	10	11	851	51	26	52	11	11	851	45	11	43	25	21	842
C. fair	17	2	7	12	40	9	30	7	23	840	17	7	40	30	23	840	21	3	27	35	35	834
D. poor	5	0	0	0	0	2	22	7	78	823	5	0	0	22	78	823	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	27	19	38	23	46	4	8	4	8	857	27	38	46	8	8	857	28	23	41	21	15	848
B. They match some of what I have learned.	52	26	27	45	46	13	13	13	13	850	52	27	46	13	13	850	52	13	40	25	21	843
C. They match just a little of what I have learned.	17	6	19	10	32	9	29	6	19	845	17	19	32	29	19	845	16	8	28	30	34	836
D. There is no match.	5	0	0	3	33	4	44	2	22	835	5	0	33	44	22	835	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	22	5	13	17	43	11	28	7	18	843	22	13	43	28	18	843	32	6	34	29	32	837
B. about the same as my regular schoolwork	55	23	23	47	47	17	17	14	14	849	55	23	47	17	14	849	52	13	41	25	20	843
C. easier than my regular schoolwork	23	22	51	16	37	2	5	3	7	861	23	51	37	5	7	861	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	26	11	23	20	42	9	19	8	17	848	26	23	42	19	17	848	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	66	37	31	55	46	18	15	10	8	853	66	31	46	15	8	853	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	8	3	20	5	33	3	20	4	27	845	8	20	33	20	27	845	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	31	17	29	26	45	10	17	5	9	853	31	29	45	17	9	853	34	18	40	22	20	845
B. two or three days a week	31	17	30	26	46	5	9	9	16	851	31	30	46	9	16	851	35	14	38	26	21	843
C. two or three times each month	26	11	22	19	39	11	22	8	16	848	26	22	39	22	16	848	18	12	37	27	24	841
D. never or almost never	12	6	27	10	45	4	18	2	9	851	12	27	45	18	9	851	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	24	15	33	21	47	5	11	4	9	854	24	33	47	11	9	854	9	13	38	23	26	841
B. two or three days a week	18	5	15	16	48	5	15	7	21	845	18	15	48	15	21	845	17	11	37	26	26	841
C. two or three times each month	17	13	41	16	50	1	3	2	6	860	17	41	50	3	6	860	28	15	40	25	20	844
D. never or almost never	41	18	24	27	36	19	25	12	16	847	41	24	36	25	16	847	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	41	24	32	36	48	9	12	6	8	854	41	32	48	12	8	854	52	19	41	22	18	846
B. agree	51	26	27	39	41	16	17	14	15	850	51	27	41	17	15	850	39	11	35	27	27	840
C. disagree	4	1	13	2	25	3	38	2	25	842	4	13	25	38	25	842	6	7	28	26	39	835
D. strongly disagree	4	0	0	2	29	2	29	3	43	831	4	0	29	29	43	831	3	4	25	28	43	832
Optional school/SAU question																						
A.	40	0	0	3	75	1	25	0	0	850	40	0	75	25	0	850						
B.	30	0	0	2	67	1	33	0	0	848	30	0	67	33	0	848						
C.	10	0	0	0	0	0	0	1	100	818	10	0	0	0	100	818						
D.	20	1	50	0	0	0	0	1	50	852	20	50	0	0	50	852						

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 71
School: Middle School Of The Kennebunk

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	42	22	42	22	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	98	52	98	52	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	30	16	30	16	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	18	10	18	10	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	34.6	61.8	34.6	61.8	32.0	57.1
D. The Physical Setting	31	55	18.8	60.6	18.8	60.6	17.1	55.2
D1/D2 Earth/Space	17	30	10.2	60.0	10.2	60.0	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	8.7	62.1	8.7	62.1	7.7	55.0
E. The Living Environment	25	45	15.8	63.2	15.8	63.2	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 71
 School: Middle School Of The Kennebunk

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	188	42	22	98	52	30	16	18	10	850	188	22	52	16	10	850	14263	15	47	26	12	846
Ethnicity																						
African American/Black	1										1						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	2										2						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	185	40	22	98	53	29	16	18	10	850	185	22	53	16	10	850	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	31	3	10	5	16	12	39	11	35	836	31	10	16	39	35	836	2221	3	22	36	38	832
No	157	39	25	93	59	18	11	7	4	853	157	25	59	11	4	853	12042	17	51	24	7	848
Current LEP																						
Yes	1										1						331	4	20	39	37	832
No	187	41	22	98	52	30	16	18	10	850	187	22	52	16	10	850	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	17	2	12	7	41	6	35	2	12	844	17	12	41	35	12	844	5184	6	40	33	21	840
No	171	40	23	91	53	24	14	16	9	850	171	23	53	14	9	850	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	188	42	22	98	52	30	16	18	10	850	188	22	52	16	10	850	14258	15	47	26	12	846
Gender																						
Female	104	17	16	57	55	19	18	11	11	848	104	16	55	18	11	848	6953	14	47	28	11	846
Male	84	25	30	41	49	11	13	7	8	853	84	30	49	13	8	853	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	188	42	22	98	52	30	16	18	10	850	188	22	52	16	10	850	13435	16	48	25	12	846
Gifted/talented program																						
Yes	28	15	54	13	46	0	0	0	0	863	28	54	46	0	0	863	699	65	34	2	0	865
No	160	27	17	85	53	30	19	18	11	848	160	17	53	19	11	848	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 71
School: Middle School Of The Kennebunk

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	0	0	3	60	2	40	828	3	0	0	60	40	828	8	8	34	28	30	837
B. less than one hour	39	14	19	36	50	13	18	9	13	847	39	19	50	18	13	847	51	14	48	27	11	846
C. one to two hours	50	22	23	52	55	14	15	6	6	852	50	23	55	15	6	852	36	19	48	24	9	848
D. more than two hours	9	6	38	9	56	0	0	1	6	856	9	38	56	0	6	856	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	29	23	43	22	41	6	11	3	6	858	29	43	41	11	6	858	23	27	47	17	8	851
B. good	51	15	16	56	59	16	17	8	8	849	51	16	59	17	8	849	53	15	50	26	10	847
C. fair	19	4	11	17	49	8	23	6	17	843	19	11	49	23	17	843	20	4	43	35	18	840
D. poor	2	0	0	2	67	0	0	1	33	839	2	0	67	0	33	839	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	26	16	33	29	59	2	4	2	4	855	26	33	59	4	4	855	26	20	49	23	9	849
B. They match some of what I have learned.	52	19	19	51	52	21	21	7	7	850	52	19	52	21	7	850	51	14	48	26	11	846
C. They match just a little of what I have learned.	16	7	24	12	41	5	17	5	17	845	16	24	41	17	17	845	18	13	44	28	15	844
D. There is no match.	6	0	0	5	45	2	18	4	36	839	6	0	45	18	36	839	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	21	7	18	20	51	5	13	7	18	847	21	18	51	13	18	847	32	13	45	28	14	844
B. about the same as my regular schoolwork	64	24	20	67	57	19	16	8	7	851	64	20	57	16	7	851	56	15	49	25	11	847
C. easier than my regular schoolwork	15	11	39	9	32	6	21	2	7	852	15	39	32	21	7	852	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	26	10	21	27	57	6	13	4	9	851	26	21	57	13	9	851	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	67	30	25	62	51	22	18	8	7	851	67	25	51	18	7	851	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	8	2	14	7	50	2	14	3	21	842	8	14	50	14	21	842	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	25	3	7	24	52	11	24	8	17	843	25	7	52	24	17	843	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	26	12	26	27	57	5	11	3	6	851	26	26	57	11	6	851	23	17	49	22	12	847
C. the course(s) described in B, plus physics	27	20	41	22	45	3	6	4	8	857	27	41	45	6	8	857	21	31	44	17	7	852
D. a life science and physical science class	23	6	14	22	52	11	26	3	7	847	23	14	52	26	7	847	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	23	17	40	16	37	5	12	5	12	853	23	40	37	12	12	853	27	23	47	20	10	849
B. agree	37	13	19	42	61	9	13	5	7	851	37	19	61	13	7	851	37	14	47	27	12	846
C. disagree	30	11	19	31	54	11	19	4	7	849	30	19	54	19	7	849	25	11	48	29	12	845
D. strongly disagree	10	1	6	8	44	5	28	4	22	839	10	6	44	28	22	839	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	27	19	37	25	49	4	8	3	6	856	27	37	49	8	6	856	31	22	46	22	10	849
B. agree	54	18	18	57	56	19	19	7	7	850	54	18	56	19	7	850	50	14	49	26	11	846
C. disagree	18	5	15	14	42	7	21	7	21	843	18	15	42	21	21	843	14	9	45	31	15	843
D. strongly disagree	1	0	0	1	50	0	0	1	50	824	1	0	50	0	50	824	5	3	38	34	25	837
Optional school/SAU question																						
A.	40	0	0	3	75	1	25	0	0	849	40	0	75	25	0	849						
B.	30	1	33	2	67	0	0	0	0	852	30	33	67	0	0	852						
C.	10	0	0	0	0	0	0	1	100	822	10	0	0	0	100	822						
D.	20	1	50	0	0	0	0	1	50	853	20	50	0	0	50	853						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number